

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"US 20080215015"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/04/16 07:23
S2	5	((CHRIS) near2 (CINDRI CH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/16 07:25
S3	1	((CHRIS) near2 (CINDRI CH)).INV.	EPO; JPO; DERWENT	OR	ON	2009/04/16 07:25
S4	23	((RALPH) near2 (SONDEREGGER)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/16 07:25
S5	10	((RALPH) near2 (SONDEREGGER)).INV.	EPO; JPO; DERWENT	OR	ON	2009/04/16 07:25
S6	81	((GLADE) near2 (HOWELL)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/16 07:25
S7	31	((GLADE) near2 (HOWELL)).INV.	EPO; JPO; DERWENT	OR	ON	2009/04/16 07:25
S8	54	((WESTON) near2 (HARDING)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/16 07:25
S9	14	((WESTON) near2 (HARDING)).INV.	EPO; JPO; DERWENT	OR	ON	2009/04/16 07:26
S10	1	((ALEX) near2 (LASTOVICH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/16 07:26
S11	1	((ALEX) near2 (LASTOVICH)).INV.	EPO; JPO; DERWENT	OR	ON	2009/04/16 07:26
S12	30	((LIONEL) near2 (VEDRINE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/16 07:26
S13	21	((LIONEL) near2 (VEDRINE)).INV.	EPO; JPO; DERWENT	OR	ON	2009/04/16 07:26
S14	8402	((becton) near2 (dickinson)).as.	US-PGPUB; USPAT; USOCR, FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 07:27
S15	6	("20030135159" "5554131" "6099504").pn.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/04/16 09:34
S16	1410	604/263 ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/04/16 09:43

S17	859	604/198.ccls. not 604/263.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/04/16 09:43
S20	2532	S14 and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 09:59
S21	270	S20 and reservoir	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 09:59
S22	220	S21 and (cover\$3 cap\$4 shield\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 10:00
S23	140	S22 and (adher\$3 adhesive)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 10:00
S24	5274	604/131-157.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 10:06
S25	2196	S24 and (needle microneedle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 10:10
S26	925	S25 and reservoir	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 10:10
S27	421	S26 and (adher\$3 adhesive)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 10:10
S28	170	S27 and ((cover\$3 cap\$4 shield\$4) with (needle microneedle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 10:11

S29	45	S27 and (((cover\$3 cap\$4 shield\$4) with (needle microneedle)) same (adher \$3 adhesive))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 10:24
S30	0	wo-97021457-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 10:30
S31	0	wo-1997021457-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 10:30
S32	446	lavi.inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 10:31
S33	67	("4140117"   "4178928"   "4191181"   "4196732"   "4258713"   "4640445"   "4684367"   "4687423"   "4734092"   "4753851"   "4758226"   "4772263"   "4886499"   "4902278"   "5024656"   "5024661"   "5045064"   "5098385"   "5135507"   "5152753"   "5242406"   "5266013"   "5312389"   "5324258"   "5391151"   "5395346"   "5395501"   "5527288"   "5545143"   "5562624"   "5613951"   "5616132"   "5624401"   "5637092"   "5693018"   "5700244"   "5704520"   "5741242"   "5785688"   "5814020"   "5840071"   "5931814"). PN. OR ("6186982").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/16 10:39
S34	753	(S16 S17) and (adher\$3 adhesive)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 10:44
S35	298	S26 and ((cover\$3 cap\$4 shield\$4) with (needle microneedle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 11:16

S36	182	S35 and lock\$4	US-PGPUB; USPAT; USOCR, FPRS, EPO, JPO, DERWENT	OR	ON	2009/04/16 11:17
S37	182	S24 and reservoir and lock \$4 and ((cover\$3 cap\$4 shield\$4) with (needle microneedle))	US-PGPUB; USPAT; USOCR, FPRS, EPO, JPO, DERWENT	OR	ON	2009/04/16 11:21
S38	54	604/137 ccls.	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT	OR	ON	2009/04/16 11:22
S39	1	S26 and (unlock\$3 with skin)	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT	OR	ON	2009/04/16 12:25
S40	48	spring same (unlock\$3 with skin)	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT	OR	ON	2009/04/16 12:27
S41	2	"5591138".pn.	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT	OR	ON	2009/04/16 12:35
S42	2	"5976111".pn.	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO; DERWENT	OR	ON	2009/04/16 12:37
S43	14	("4105030"   "4223674"   "4400170"   "4597753"   "4661103"   "5002548"   "5147295").PN. OR ("5273532").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/16 12:42
S44	18	("4917101"   "5254099"   "5261894"   "5304137"   "5304151"   "5336187"   "5336200"   "5417660"   "5486164"   "5492536"   "5662610"   "5688241"). PN. OR ("5976111").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/16 12:42
S45	189	spring same (unlock\$3 with patient)	US-PGPUB; USPAT; USOCR, FPRS; EPO, JPO, DERWENT	OR	ON	2009/04/16 12:48

S46	2	"4795432".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 12:58
S47	2	"4664654".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/04/16 12:59
S48	146	("1779451"   "2847995"   "2876770"   "2888924"   "2925083"   "3134380"   "3672368"   "3884230"   "3890971"   "4139009"   "4233975"   "4266543"   "4416663"   "4425120"   "4507117"   "4564054"   "4573976"   "4655751"   "4664259"   "4664654"   "4695274").PN. OR ("4795432").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/16 13:20
S49	159	("2876770"   "2925083"   "3884230"   "4356822"   "4425120"   "4573976"). PN. OR ("4664654").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/16 13:21
S50	110	S49 not S48	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/16 13:21
S51	91	("20020004648"   "20020065488"   "20020193737"   "20020193746"   "20020193747"   "20030023205"   "20030028171"   "20030036730"   "20030050601"   "20030050607"   "20030078546"   "20030083627"   "20030114799"   "20030144630"   "20030149403"   "20030149404"   "4573976"   "4631057"   "4737144"   "4747831"   "4795432"   "4813940"   "4932940"   "4985021"   "4998920"   "5026356"   "5053018"   "5061251"   "5151088"   "5156599"   "5163918"   "5193552"   "5197953"   "5201708"   "5217437"   "5242420"	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/16 14:21

		"5246427"   "5267972"   "5295965"   "5300040"   "5304149"   "5308332"   "5312372"   "5336176"   "5342309"   "5342320"   "5370628"   "5385555"   "5389085"   "5417660"   "5429612"   "5562626"   "5573513"   "5651774"   "5658254"   "5681292"   "5713871"   "5735823"   "5769822"   "5800395"   "5800403"   "5882342"   "6017329"   "6077253"   "6162197"   "6228054"   "6319233"   "6432087"   "6432088"   "6440104"   "6443929"   "6458101"   "6458105"   "6461333"   "6461362"   "6475194"   "6478780"   "6494863"   "6511460"   "6514229"   "6527742"   "6530903"   "6547762"   "6558357"   "6565540"   "6569115"   "6569124"   "6589209"   "6595954"   "6605073"   "6884237").PN. OR ("7497847").URPN.				
S52	42	("3811441"   "3867938"   "3889673"   "3895633"   "4031890"   "4328802"   "4427039"   "4468220"   "4624393"   "4645073"   "4713061"   "4747839"   "4838857"   "4900307"   "4904242"   "4927414"   "4929241"   "4938742"   "4941880"   "4969874"   "5013303"   "5106374"   "5163909"   "5169388"   "5304128"   "5342319"   "5411489"   "5433704"   "5460611"   "5462525"   "5472430"   "5478316"   "5540665"   "5545143"   "5611779"   "5713872"   "5746215"   "5746714"   "6099504").PN. OR ("6830560").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/16 14:46

S53	44	"2605765"   "4140117"   "4178928"   "4191181"   "4196732"   "4258713"   "4640445"   "4684367"   "4687423"   "4734092"   "4753651"   "4758226"   "4772263"   "4886499"   "4894055"   "4902278"   "5024656"   "5024661"   "5045064"   "5098385"   "5135507"   "5242406"   "5266013"   "5312389"   "5324258"   "5391151"   "5395346"   "5395501"   "5527288"   "5545143"   "5562624"   "5613951"   "5616132"   "5624401"   "5637092"   "5785688"   "5795336"   "5858001"). PN. OR ("6500150"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/16 14:54
S54	84	"2408323"   "2576951"   "3923060"   "4034756"   "4180070"   "4522622"   "4627445"   "4637403"   "4684365"   "4697622"   "4753651"   "4886499"   "4894054"   "4902278"   "5070886"   "5079421"   "5122116"   "5328464"   "5336180"   "5336188"   "5390671"   "5411480"   "5419771"   "5492534"   "5514090"   "5545143"   "5562613"   "5656032"). PN. OR ("5814020"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 08:32
S55	46	"2605765"   "4140117"   "4178928"   "4191181"   "4196732"   "4258713"   "4640445"   "4684367"   "4687423"   "4734092"   "4753651"   "4758226"   "4772263"   "4886499"   "4894055"   "4902278"   "5024656"   "5024661"   "5045064"   "5098385"   "5135507"   "5242406"   "5266013"   "5312389"   "5324258"   "5391151"   "5395346"   "5395501"   "5527288"   "5545143"   "5562624"   "5613951"   "5616132"   "5624401"   "5637092"   "5785688"   "5795336"   "5858001"). PN. OR ("6500150"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 08:36

S56	11	("2899959"   "4968303"   "5395346"   "5858001"   "6500150").PN OR ("6613015") URPN	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 08:40
S58	1433	604/263.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/11/05 08:42
S60	880	604/198.ccls. not 604/263.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/11/05 08:42
S62	764	604/192.ccls. not 604/198.ccls. not 604/263.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/11/05 08:42
S63	39	(S58 S60 S62) and door	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/11/05 08:42
S64	77	604/194.ccls. not 604/192.ccls. not 604/198.ccls. not 604/263.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/11/05 08:49
S65	1	(S64) and door	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/11/05 08:49
S66	3406	604/192-198.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/11/05 08:52
S67	500	(S58 S66) and hinge and slid\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 08:52
S68	1084	604/110.ccls. not 604/194.ccls. not 604/192.ccls. not 604/198.ccls. not 604/263.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/11/05 09:41
S69	94	(S68) and (door (hinge and slid\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 09:42
S70	2410	elan.as	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 09:42



S71	182	S70 and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 09:43
S72	163	("2876770"   "2925083"   "3884230"   "4356822"   "4425120"   "4573976"). PN. OR ("4664654"). UFPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 10:05
S73	24	("4664654"   "4894055"   "4923447"   "5219333"   "5232457"   "5314414"   "5318547"   "5328473"   "5385557"   "5389085"   "5415645"   "5417660"   "5472430"   "5498243"   "5527294"   "5658257"   "5688241"   "5709669"). PN. OR ("6183445"). UFPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 10:11
S74	49	("20030144630"   "4573976"   "4631057"   "4655751"   "4664653"   "4737144"   "4738663"   "4813940"   "4846809"   "4908023"   "4923446"   "4923447"   "4935016"   "4947863"   "4957490"   "5024616"   "5106379"   "5135510"   "5472430"   "5503018"   "5591138"   "5795336"   "5984899"   "6183445"   "6322540"   "6325781"   "6344032"   "6969376").PN. OR ("5318547"   "7211065"). UFPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 10:17
S75	63	S71 and spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 10:19
S76	1968	(S58 S60 S62 S68) and spring	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/11/05 10:42

S77	48	("20030060774"   "20040078003"   "20040116855"   "4682981"   "4791937"   "4846811"   "4926877"   "4995869"   "5040691"   "5197956"   "5401250"   "5480389"   "5540662"   "5827305"   "5941850"   "6077248"   "6165157"   "6193694"   "6626868"   "6632201"   "6666847"   "6712790"   "6770053"   "6827692").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/11/05 10:53
S78	3	US-5512050-\$.DID. OR US- 20020004650-\$.DID. OR US-20030060774-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 10:59
S79	16	US-20080015513-\$.DID. OR US-20070197965-\$. DID. OR US-20070197984- \$.DID. OR US- 20060264825-\$.DID. OR US-20060200077-\$.DID. OR US-20060036217-\$. DID. OR US-20050277894- \$.DID. OR US- 20050277892-\$.DID. OR US-20050119624-\$.DID. OR US-20050101917-\$. DID. OR US-20050080383- \$.DID. OR US- 20050049557-\$.DID. OR US-20050020979-\$.DID. OR US-20050015054-\$. DID. OR US-20030187402- \$.DID. OR US- 20010039401-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 11:02
S80	25	US-5562624-\$.DID. OR US- 5549570-\$.DID. OR US- 5425721-\$.DID. OR US- 5368568-\$.DID. OR US- 5356392-\$.DID. OR US- 5318538-\$.DID. OR US- 5304137-\$.DID. OR US- 5259841-\$.DID. OR US- 5222945-\$.DID. OR US- 5201720-\$.DID. OR US- 5201708-\$.DID. OR US- 5147326-\$.DID. OR US- 5135508-\$.DID. OR US- 5057036-\$.DID. OR US- 4998922-\$.DID. OR US- 4973316-\$.DID. OR US- 4915702-\$.DID. OR US- 4909792-\$.DID. OR US-	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 11:02

		4853435-\$.D.I.D. OR US- 4863434-\$.D.I.D. OR US- 4850994-\$.D.I.D. OR US- 4850977-\$.D.I.D. OR US- 4820277-\$.D.I.D. OR US- 20080058731-\$.D.I.D. OR US-20080051725-\$.D.I.D.				
S81	32	US-7354422-\$.D.I.D. OR US- 7300421-\$.D.I.D. OR US- 7300420-\$.D.I.D. OR US- 7294119-\$.D.I.D. OR US- 7276049-\$.D.I.D. OR US- 7250038-\$.D.I.D. OR US- 7101355-\$.D.I.D. OR US- 7060053-\$.D.I.D. OR US- 7033343-\$.D.I.D. OR US- 7004929-\$.D.I.D. OR US- 6976976-\$.D.I.D. OR US- 6872194-\$.D.I.D. OR US- 6752798-\$.D.I.D. OR US- 6702784-\$.D.I.D. OR US- 6623456-\$.D.I.D. OR US- 6613022-\$.D.I.D. OR US- 6592556-\$.D.I.D. OR US- 6530903-\$.D.I.D. OR US- 6419658-\$.D.I.D. OR US- 6416497-\$.D.I.D. OR US- 6416323-\$.D.I.D. OR US- 6342045-\$.D.I.D. OR US- 6319234-\$.D.I.D. OR US- 6102693-\$.D.I.D. OR US- 6030356-\$.D.I.D. OR US- 5993417-\$.D.I.D. OR US- 5980488-\$.D.I.D. OR US- 5843047-\$.D.I.D. OR US- 5823997-\$.D.I.D. OR US- 5776076-\$.D.I.D. OR US- 5743887-\$.D.I.D. OR US- 5720727-\$.D.I.D.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 11:03
S82	27	("4850977"   "4850994"   "4863434"   "4863435"   "4911693"   "4915702"   "4973316"   "5057086"   "5147303"   "5151088"   "5176656"   "5201720"). PNL OR ("5368568"). UFPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 11:27
S83	29	kuracina.inv.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 11:31

S84	81	("3134380"   "4139009"   "4725267"   "4735618"   "4775369"   "4781692"   "4781697"   "4790828"   "4863435"   "4867172"   "4887998"   "4892521"   "4897083"   "4898589"   "4911706"   "4915697"   "4917672"   "4921490"   "4935013"   "4950250"   "4955866"   "4998922"   "5049136"   "5051109"   "5061250"   "5092851"). PN. OR ("5256152"   "5364370").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 11:37
S85	34	("5019049"   "5279590"   "5300045"   "5304151"   "5312359"   "5490841"   "5607402"   "5643219"   "5662617"   "Re34223"). PN. OR ("5951523").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 11:38
S86	100	(US-20020193748-\$ or US- 20030135159-\$ or US- 20030144630-\$ or US- 20040049159-\$ or US- 20050015054-\$ or US- 20050065466-\$ or US- 20050065472-\$ or US- 20050075606-\$ or US- 20050107748-\$ or US- 20050113750-\$ or US- 20050131384-\$ or US- 20050165353-\$ or US- 20050277885-\$ or US- 20060064061-\$ or US- 20060095014-\$ or US- 20060142698-\$ or US- 20070167907-\$ or US- 20070203454-\$ or US- 20080015516-\$ or US- 20080051724-\$ or US- 20080114295-\$ or US- 20080167611-\$ or US- 20080208139-\$ or US- 20080215005-\$ or US- 20080215035-\$ or US- 20080269692-\$).did. or (US-20090054848-\$ or US- 20090054866-\$ or US- 20090076453-\$ or US- 20090082728-\$ or US- 20090099528-\$ or US- 20090157011-\$ or US- 20090163875-\$ or US- 20090177167-\$).did. or	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/11/05 15:11

		(US-4664654-\$ or US-4795432-\$ or US-4850977-\$ or US-4863434-\$ or US-4894055-\$ or US-4921490-\$ or US-4923447-\$ or US-4929237-\$ or US-5246428-\$ or US-5256152-\$ or US-5273532-\$ or US-5295963-\$ or US-5318547-\$ or US-5360408-\$ or US-5364370-\$ or US-5368568-\$ or US-5447501-\$ or US-5458658-\$ or US-5466223-\$ or US-5472430-\$ or US-5549570-\$ or US-5554131-\$ or US-5591138-\$ or US-5695475-\$ or US-5814020-\$ or US-5846227-\$).did. or (US-5858001-\$ or US-5925020-\$ or US-5951523-\$ or US-5976111-\$ or US-6042570-\$ or US-6074369-\$ or US-6086563-\$ or US-6126637-\$ or US-6183445-\$ or US-6186982-\$ or US-6261264-\$ or US-6261265-\$ or US-6443929-\$ or US-6482348-\$ or US-6500150-\$ or US-6530900-\$ or US-6595956-\$ or US-6613015-\$ or US-6629959-\$ or US-6632201-\$ or US-6676633-\$ or US-6685676-\$ or US-6719730-\$ or US-6776777-\$ or US-6830560-\$ or US-6945960-\$ or US-7083600-\$).did. or (US-7101351-\$ or US-7150725-\$ or US-7211065-\$ or US-7250037-\$ or US-7329238-\$ or US-7384413-\$ or US-7422573-\$ or US-7497847-\$ or US-7549976-\$ or US-7569044-\$ or US-7578805-\$).did. or (WO-2005018703-\$).did. or (WO-2005018705-\$).did.				
S88	82	S86 and spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 15:12

S89	18	S86 not S88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 15:30
S90	5437	604/131-157.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 15:33
S93	855	S90 and ((cover\$3 cap\$4 shield\$4) with (needle microneedle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 15:34
S94	654	S93 and spring\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 15:35
S96	606	S94 not S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 15:35
S97	308	S90 and (((cover\$3 cap\$4 shield\$4) with (needle microneedle)) same spring \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 15:39
S98	276	S97 not S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/05 15:39
S99	6	((CHRIS) near2 (CINDRI CH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 16:21
S101	1	((CHRIS) near2 (CINDRI CH)).INV.	EPO; JPO; DERWENT	OR	ON	2009/11/05 16:21
S103	23	((RALPH) near2 (SONDEREGGER)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 16:21
S105	10	((RALPH) near2 (SONDEREGGER)).INV.	EPO; JPO; DERWENT	OR	ON	2009/11/05 16:21
S107	82	((GLADE) near2 (HOWELL)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 16:21
S109	31	((GLADE) near2 (HOWELL)).INV.	EPO; JPO; DERWENT	OR	ON	2009/11/05 16:21
S111	55	((WESTON) near2 (HARDING)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 16:21

S113	14	((WESTON) near2 (HARDING)).INV.	EPO; JPO; DERWENT	OR	ON	2009/11/05 16:21
S115	1	((ALEX) near2 (LASTOVICH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 16:21
S117	1	((ALEX) near2 (LASTOVICH)).INV.	EPO; JPO; DERWENT	OR	ON	2009/11/05 16:21
S119	31	((LI ONEL) near2 (VEDRINE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 16:21
S121	21	((LI ONEL) near2 (VEDRINE)).INV.	EPO; JPO; DERWENT	OR	ON	2009/11/05 16:21

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